

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 April 2004 (29.04.2004)

PCT

(10) International Publication Number
WO 2004/035365 A3

(51) International Patent Classification⁷: **B61B 12/02**,
13/04, E01B 25/22

(21) International Application Number:
PCT/US2003/032703

(22) International Filing Date: 16 October 2003 (16.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/418,795 16 October 2002 (16.10.2002) US

(71) Applicant (for all designated States except US): **TRANSPORT SYSTEMS, INC.** [US/US]; 4134 Gulf of Mexico Dr., Suite 211, Longboat Key, FL 34228 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **AUSTIN, Robert** [US/US]; 533 S. Polk Drive, Sarasota, FL 34236 (US).

(74) Agent: **MINNS, Michael H.; HAHN LOESER & PARKS LLP**, Twin Oaks Estate, 1225 West Market Street, Akron, OH 44313 (US).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

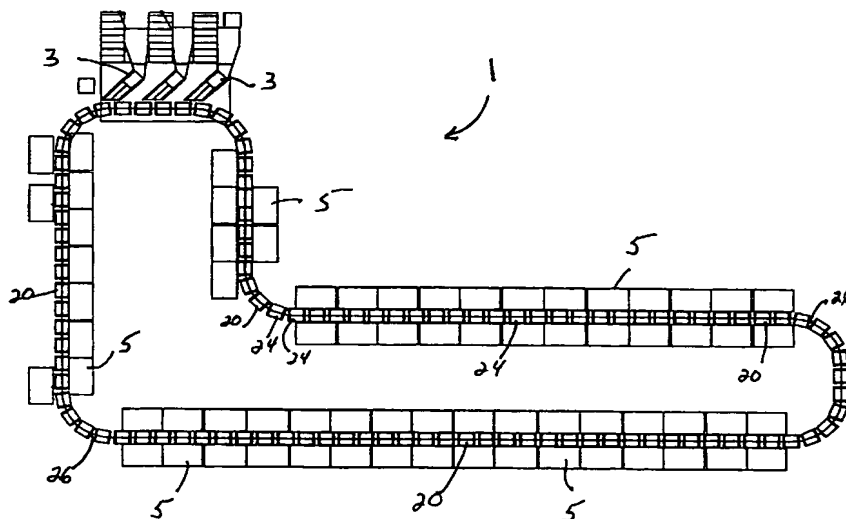
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,

[Continued on next page]

(54) Title: **MONORAIL SORTATION SYSTEM**



(57) Abstract: A universal cross belt sorter system (1) consisting of four major components: a monorail track (26), a drive car (20), multiple cross belt cars (24) and system controls. The drive cars (20) pull multiple cross belt cars (24) along the track (26). The cross belt cars (24) are typically loaded with material, which is then discharged into outlets. An outlet may be a chute, a bin, a conveyor, a truck, etc. Sortation systems are typically used to consolidate material according to selected parameters, such as zip code, customer order, to replenish a specific store and many other identifying information. The cross belt cars (24) are loaded with material at induction areas (3). The types or methods of inducing material onto the cross belt cars (24) range from manual to semi-automatic to fully automatic.

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MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations
- of inventorship (Rule 4.17(iv)) for US only

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
19 August 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/32703

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B 61 B 12/02, 13/04; E 01 B 25/22

US CL : 104/96, 106, 107, 108, 118, 119; 105/141, 144

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 104/96, 106, 107, 108, 118, 119; 105/141, 144

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,293,308 A (Boys et al) 8 March 1994 (08.03.1994), whole document.	1-68
A	US 5,676, 061 A (Loomer) 14 October 1997 (14.10.1997), whole document.	1-68
A	US 5,927,657 A (Takasan et al) 27 July 1999 (27.07.1999), whole document.	1-68
A	US 6,602,038 A (Ahn et al) 5 August 2003 (05.08.2003), whole document.	1-68
A	US 6,655,297 A (Kawato et al) 2 December 2003 (02.12.2003), whole document.	1-68

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Date of the actual completion of the international search

29 April 2004 (29.04.2004)

Date of mailing of the international search report

22 JUN 2004

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703)305-3230

Authorized officer

S. Joseph Morano *J H and h*
Telephone No. (703) 308-1113